

RcmdrPlugin.sutteForecastR: 'Rcmdr' Plugin for Alpha-Sutte Indicator

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The 'sutteForecastR' is a package of Alpha-Sutte indicator. To make the 'sutteForecastR' user friendly, so we develop an 'Rcmdr' plug-in based on the Alpha-Sutte indicator function.

<https://cran.r-project.org/web/packages/RcmdrPlugin.sutteForecastR/index.html>

The formula of **α -Sutte**:

$$a_t = \frac{\alpha \left(\frac{\Delta x}{\alpha + \delta} \right) + \beta \left(\frac{\Delta y}{\beta + \alpha} \right) + \gamma \left(\frac{\Delta z}{\gamma + \beta} \right)}{3}$$

where :

$$\delta = a_{t-4}$$

$$\alpha = a_{t-3}$$

$$\beta = a_{t-2}$$

$$\gamma = a_{t-1}$$

$$\Delta x = \alpha - \delta = a_{t-3} - a_{t-4}$$

$$\Delta y = \beta - \alpha = a_{t-2} - a_{t-3}$$

$$\Delta z = \gamma - \beta = a_{t-1} - a_{t-2}$$

a_t = data pada waktu ke-t

a_{t-k} = data pada waktu ke-(t - k)

Package ‘RcmdrPlugin.sutteForecastR’

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Type Package

Title 'Rcmdr' Plugin for Alpha-Sutte Indicator 'sutteForecastR'

Version 1.0.0

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Depends R (>= 3.0), Rcmdr (>= 1.8-3), sutteForecastR

Description The 'sutteForecastR' is a package of Alpha-Sutte indicator. To make the 'sutteForecastR' user friendly, so we develop an 'Rcmdr' plug-in based on the Alpha-Sutte indicator function.

License GPL (>= 2)

URL <https://www.r-project.org>, <http://www.ansarisaleh.web.id>

NeedsCompilation no

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R topics documented:

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RcmdrPlugin.sutteForecastR

RcmdrPlugin.sutteForecastR package

Description

RcmdrPlugin.sutteForecastR package

Details

Package: RcmdrPlugin.sutteForecastR
Type: Package
Version: 1.0
Date: 2017-09-08

Author(s)

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Examples

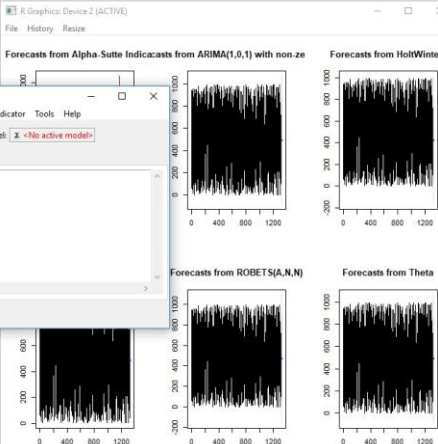
```
x <- c(94.77, 96.23, 98.12, 99.09, 100.04, 100.12, 99.93, 100.09,  
101.44, 102.38, 103.68, 104.12, 104.81, 105.35, 106.36, 106.89, 107.35,  
107.21, 107.72, 108.54, 109.57, 112.03)
```

```
alpha.sutte(x)
```

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`alphasutte`
 `(RcmdrPlugin.sutteForecastR)`, [1](#)

`RcmdrPlugin.sutteForecastR`, [1](#)



References

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